



Occidental Petroleum Corporation

BERRY FARMS 8-8HZ

API # 512351860

Surface Casing

Date: November 22, 2022





2. Cement Blend Data

This is the blend data of the Cement ordered for the job.

Blend Description	Cement Properties
Base Cement Blend : MAG S 14.1	
Mix Water (gal/sk)	5.89
Yield (ft ³ /sk)	1.28
Lab Results	
Density (ppg)	14.1
Working Time (hr:min)	2:13
Thickening Time (hr:min)	3:05
Compressive Strength (psi/12h)	698
Compressive Strength (psi/24h)	1070
Mix water Temperature (°F)	58
Slurry Temperature (°F)	88



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3. Job Sequence

 US Treatment Report						
Customer: OCCIDENTAL PETROLEUM CORP. Rep: David Cornett Supervisor: JAMES RAGLE Job Type: US Primary Casing-Surface			Rig: Ikon 12 Well: BERRY FARMS 8-8HZ UWI: BERRY FARMS 8-8HZ Surface: BERRY FARMS 8-8HZ		Job #: JOB00141509 Job Date: Nov 22 @ 23:59 Time Requested: Nov 22 @ 23:59 Time Arrived: Nov 22 @ 02:00 Time Released: Nov 22 @ 05:30	
832 sk MAG PR-S 14.1 + 0.50% MCA-1 + 0.50% MCA-2 + 0.20% MCDF-P Yield: 1.31 ft ³ /sk = 194.11bbls Mix Water: 6.06 gal/sk = 5041.92gal						
BHCT (F)	88	BHST (F)	104	Surface Size (in)	9.625	
Surface Grade	J-55	Surface Weight (lb/ft)	36	Float Depth (ft)	1854	
Funnel Vis (sec/qt)	TBD	Max Pressure (psi)	1300	Mud Density (lb/gal)	TBD	
Mud Type	WBM	Plug Size (in)	9.625	Plug Type	Rig Supplie d	
TMD (ft)	1904	TVD (ft)	1845			
Treatment Info: Sacks Used: 832 Sacks Not Used: 0 Preflush: 10bbbls MAG Mark & 10bbbls Fresh Water Circulation Time: 1 Displace: 144bbbls Fresh Water Slurry Temp: 88 Bulk Sample: Yes Water Temp: 58 Water Sample: Yes Bulk Temp: 62 Slurry Sample: Yes Air Temp: 25 Air Pressure 29.5 Slurry Returns: 22 Plug Bumped: Yes Pump Out Lines: No Float Held: Yes Cement Class: Type III Humidity: 75 Precipitation: 0						
Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/min	Treatment Detail
02:00	0.00					Arrive on Location - GOT NUMBERS FROM COMPANY MAN. REQUESTED TIME 2:00 AM. RIG RUNNING CASING TEST WATER PH-7/ HARDNESS-250/ CHLORIDE-100
03:00	0.00					Safety Meeting - HOLD MEETING WITH RIG HANDS AND CREW
03:30	160.00			5	3	Fill Lines - FILL PUMPS AND LINES WITH MAG MARK/ DROP BOTTOM PLUG
03:34	2,000.00			0.5		Start Pressure Test - TEST PUMPS AND LINES
03:36	120.00			15	3.5	Pump Preflush - PUMP 5BBLs MAG MARK 10BBLs FRESH
03:40	350.00			194	5	Pump Slurry - PUMP 832SKS/ 194 BBLs/ 1.31Y/ 6.06WR/ 88LBS/SK
04:24	0.00					Stop Pumping
04:25	0.00					Drop Plug - DROP PLUG WITNESSED BY COMPANY MAN
04:32	350.00			120	5	Displace - PUMP FRESH WATER CALCULATED 144 BBLs
04:52	600.00			23	3	Decrease Rate

05:05	1,300.00					Bump Plug - LAND PLUG 144 BBLs DISPLACEMENT 24 BBLs CEMENT TO SURFACE
05:11	0.00					Check Floats - FLOATS HELD 1 BBLs BACK TO PUMP
05:12	0.00					Wash Up Truck
05:30	0.00					Leave Location



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4. Job Graph

